

MONTHLY CLIMATE SUMMARY, MAY 2013
NIU WEATHER SERVICE: DE KALB, ILL.

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	CDD	HDD	GDD	Precip (in.)
1	89	27	64	43	85	57	71	6	0	21	0
2	90	27	65	44	82	43	62.5	0	2.5	12.5	0
3	89	28	65	44	59	37	48	0	17	0	0.65
*4	90	26	66	43	-	-	-	-	-	-	-
5	92	27	68	45	71	39	55	0	10	5	0.1**
*6	94	28	70	46-	-	-	-	-	-	-	-
7	89	24	71	47	74	46	60	0	5	10	0**
8	89	28	68	47	78	52	65	0	0	15	0
9	95	25	72	49	80	55	67.5	2.5	0	17.5	0
10	90	25	72	48	72	44	58	0	7	8	0.24
11	91	24	72	48	49	41	45	0	20	0	0.01
12	92	29	70	47	57	35	46	0	19	0	0
13	88	29	68	47	55	34	44.5	0	20.5	0	0
14	90	28	68	46	66	37	51.5	0	13.5	1.5	0
15	90	31	69	47	93	55	74	9	0	24	0
16	91	29	69	47	82	55	68.5	3.5	0	18.5	0
17	92	33	73	48	83	59	71	6	0	21	0
18	94	31	72	49	77	56	66.5	1.5	0	16.5	0
19	95	30	71	50	80	59	69.5	4.5	0	19.5	0
20	95	32	73	50	87	65	76	11	0	26	0.09
21	94	31	72	49	86	61	73.5	8.5	0	23.5	0.28
22	93	35	73	49	81	63	72	7	0	22	0.22
23	93	30	73	51	73	51	62	0	3	12	0.3
24	94	33	73	50	57	37	47	0	18	0	0
25	92	28	71	50	63	40	51.5	0	13.5	1.5	0.02
26	97	31	70	50	56	45	50.5	0	14.5	0.5	0.01
27	97	30	72	51	62	48	55	0	10	5	0.16
28	96	33	72	51	63	57	60	0	5	10	0.12
29	93	31	74	53	76	62	69	4	0	19	0.03
30	94	35	76	54	83	62	72.5	7.5	0	22.5	0.03
31	107	35	78	56	84	61	72.5	7.5	0	22.5	0.91

*Observations were not taken on these days

**Two-day precipitation totals

Temperature

1981-2010 AVG. HI: 71.3(F)
 1981-2010 AVG. LOW: 48.3(F)
 1981-2010 AVG. TEMP.: 59.4(F)
 May 2013 AVG. HI: 72.9(F)*
 May 2013 AVG. LO: 50.21(F)*
 May 2013 AVG. TEMP.: 61.55(F)*

Precipitation

May 2013 TOTAL: 3.17 in.
 May AVG.: 4.55in.
 May 2013 SNOW: 0
 May SNOW AVG: 0
 2013 liquid-eq. YEAR TO DATE: 19.44 in.
 liquid-eq. YEAR TO DATE AVG.: 13.09 in.
 2012-13 Seasonal SNOW TO DATE: 31.4 in.
 Seasonal SNOW TO DATE AVG.: 35.8 in.

Degree Days

COOLING: 5/13: 78.5*
 1/13-Now: 78.5
 HEATING: 5/13: 178.5*
 7/12-Now: 6599.5
 GROWING: 5/13: 354.5*
 1/13-Now: 392.5

*Approximation with two observations missed

Discussion

May 2013 had an average temperature of 61.55 degrees with an average High of 72.9 and an average Low of 50.21, all only a couple degrees above their respective historical averages. Both High and Low temps experienced a warming trend throughout the month.

Total precipitation for the month was 3.17 inches which is some 70% of the historical average for the month of May. Year to date precipitation stands at 19.44 inches, still 6.35 inches above normal. This is mainly due to the near record rainfall in April.

We have now had our first cooling degree days at about 78.5. There were 178.5 heating degree days making the total since last July 6599.5 days. Growing degree days for the month was about 354.5 making the yearly total 392.5.

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 This summary was prepared by John Barmann, 11 June 2013. Forecast information (updated once daily at approx. 7:30 am): (847) 848-4082.
 Climate Website: <http://climate.niu.edu>

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May 2013 Daily Highs and Lows with 1981-2010 Average Highs and Lows

Prepared by Richard Medicott, NIU Weather Director

